

## Refine Search

### Search Results -

Terms	Documents
L3 and color near3 imag\$3	31

**Database:**

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

**Search:**

L4

### Search History

**DATE:** Tuesday, June 22, 2004 [Printable Copy](#) [Create Case](#)**Set Name Query**

side by side

DB=USPT; PLUR=YES; OP=OR

	<u>Hit Count</u>	<u>Set Name</u>
	result set	
<u>L4</u>	31	<u>L4</u>
<u>L3</u>	73	<u>L3</u>
<u>L2</u>	73	<u>L2</u>
<u>L1</u>	1	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#)  
[Generate OACS](#)

### Search Results - Record(s) 21 through 30 of 31 returned.

21. Document ID: US 6504941 B2

L4: Entry 21 of 31

File: USPT

Jan 7, 2003

US-PAT-NO: 6504941

DOCUMENT-IDENTIFIER: US 6504941 B2

TITLE: Method and apparatus for digital watermarking of images

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KWMC](#) [Drawn De](#)

22. Document ID: US 6456724 B1

L4: Entry 22 of 31

File: USPT

Sep 24, 2002

US-PAT-NO: 6456724

DOCUMENT-IDENTIFIER: US 6456724 B1

TITLE: Electronic watermarking system capable of providing image data with high secrecy

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KWMC](#) [Drawn De](#)

23. Document ID: US 6425081 B1

L4: Entry 23 of 31

File: USPT

Jul 23, 2002

US-PAT-NO: 6425081

DOCUMENT-IDENTIFIER: US 6425081 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Electronic watermark system electronic information distribution system and image filing apparatus

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Claims](#) [KWMC](#) [Drawn De](#)

24. Document ID: US 6263086 B1

L4: Entry 24 of 31

File: USPT

Jul 17, 2001

US-PAT-NO: 6263086

DOCUMENT-IDENTIFIER: US 6263086 B1

TITLE: Automatic detection and retrieval of embedded invisible digital watermarks from halftone images

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KMTC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--------	------	----------

---

25. Document ID: US 6252971 B1

L4: Entry 25 of 31

File: USPT

Jun 26, 2001

US-PAT-NO: 6252971

DOCUMENT-IDENTIFIER: US 6252971 B1

TITLE: Digital watermarking using phase-shifted stochastic screens

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KMTC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--------	------	----------

---

26. Document ID: US 6239818 B1

L4: Entry 26 of 31

File: USPT

May 29, 2001

US-PAT-NO: 6239818

DOCUMENT-IDENTIFIER: US 6239818 B1

TITLE: Printing method and apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KMTC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--------	------	----------

---

27. Document ID: US 6208735 B1

L4: Entry 27 of 31

File: USPT

Mar 27, 2001

US-PAT-NO: 6208735

DOCUMENT-IDENTIFIER: US 6208735 B1

TITLE: Secure spread spectrum watermarking for multimedia data

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KMTC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--------	------	----------

---

28. Document ID: US 6192138 B1

L4: Entry 28 of 31

File: USPT

Feb 20, 2001

US-PAT-NO: 6192138

DOCUMENT-IDENTIFIER: US 6192138 B1

TITLE: Apparatus and method for embedding/unembedding supplemental information

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Refine](#) [Claims](#) [KWMC](#) [Draw](#) [De](#)

29. Document ID: US 5930369 A

L4: Entry 29 of 31

File: USPT

Jul 27, 1999

US-PAT-NO: 5930369

DOCUMENT-IDENTIFIER: US 5930369 A

TITLE: Secure spread spectrum watermarking for multimedia data

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Refine](#) [Claims](#) [KWMC](#) [Draw](#) [De](#)

30. Document ID: US 5790703 A

L4: Entry 30 of 31

File: USPT

Aug 4, 1998

US-PAT-NO: 5790703

DOCUMENT-IDENTIFIER: US 5790703 A

TITLE: Digital watermarking using conjugate halftone screens

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Search](#) [Refine](#) [Claims](#) [KWMC](#) [Draw](#) [De](#)

[Clear](#) [Generate Collection](#) [Print](#) [Fwd Refs](#) [Bkwd Refs](#) [Generate OACS](#)

Terms	Documents
L3 and color near3 imag\$3	31

Display Format:  [Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

## Hit List

**Clear**    **Generate Collection**    **Print**    **Fwd Refs**    **Bkwd Refs**

**Generate OACS**

**Search Results - Record(s) 31 through 31 of 31 returned.**

□ 31. Document ID: US 5734752 A

L4: Entry 31 of 31

File: USPT

Mar 31, 1998

US-PAT-NO: 5734752

DOCUMENT-IDENTIFIER: US 5734752 A

TITLE: Digital watermarking using stochastic screen patterns

Full Title Citation Front Review Classification Date Reference       

[Clear](#) | [Generate Collection](#) | [Print](#) | [Fwd Refs](#) | [Bkwd Refs](#) | [Generate OACS](#)

Terms	Documents
L3 and color near3 imag\$3	3

**Display Format:** TI

[Previous Page](#) [Next Page](#) [Go to Doc#](#)

## Hit List

<a href="#">Clear</a>	<a href="#">Generate Collection</a>	<a href="#">Print</a>	<a href="#">Fwd Refs</a>	<a href="#">Bkwd Refs</a>
<a href="#">Generate OACS</a>				

### Search Results - Record(s) 11 through 20 of 31 returned.

11. Document ID: US 6625295 B1

L4: Entry 11 of 31

File: USPT

Sep 23, 2003

US-PAT-NO: 6625295

DOCUMENT-IDENTIFIER: US 6625295 B1

TITLE: Authentication of signals using watermarks

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Image</a>	<a href="#">Text</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw. De</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	-----------------------	----------------------	------------------------	----------------------	--------------------------

12. Document ID: US 6614914 B1

L4: Entry 12 of 31

File: USPT

Sep 2, 2003

US-PAT-NO: 6614914

DOCUMENT-IDENTIFIER: US 6614914 B1

TITLE: Watermark embedder and reader

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Image</a>	<a href="#">Text</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw. De</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	-----------------------	----------------------	------------------------	----------------------	--------------------------

13. Document ID: US 6591009 B1

L4: Entry 13 of 31

File: USPT

Jul 8, 2003

US-PAT-NO: 6591009

DOCUMENT-IDENTIFIER: US 6591009 B1

TITLE: Information embedding method, apparatus and recording medium

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Image</a>	<a href="#">Text</a>	<a href="#">Claims</a>	<a href="#">KOMC</a>	<a href="#">Draw. De</a>
----------------------	-----------------------	--------------------------	-----------------------	------------------------	--------------------------------	----------------------	---------------------------	-----------------------	----------------------	------------------------	----------------------	--------------------------

14. Document ID: US 6560339 B1

L4: Entry 14 of 31

File: USPT

May 6, 2003

US-PAT-NO: 6560339

DOCUMENT-IDENTIFIER: US 6560339 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Electronic watermarking method, digital information distribution system using such method, and storage medium storing program of such method

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KOMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--------	------	----------

---

15. Document ID: US 6535614 B1

L4: Entry 15 of 31

File: USPT

Mar 18, 2003

US-PAT-NO: 6535614

DOCUMENT-IDENTIFIER: US 6535614 B1

TITLE: Method and apparatus for recording and reproducing electronic watermark information, and recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KOMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--------	------	----------

---

16. Document ID: US 6526171 B1

L4: Entry 16 of 31

File: USPT

Feb 25, 2003

US-PAT-NO: 6526171

DOCUMENT-IDENTIFIER: US 6526171 B1

TITLE: Image object managing method, an image processing apparatus using said method, and a recording media for programs achieving the same

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KOMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--------	------	----------

---

17. Document ID: US 6526155 B1

L4: Entry 17 of 31

File: USPT

Feb 25, 2003

US-PAT-NO: 6526155

DOCUMENT-IDENTIFIER: US 6526155 B1

TITLE: Systems and methods for producing visible watermarks by halftoning

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KOMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--	--------	------	----------

---

18. Document ID: US 6513118 B1

L4: Entry 18 of 31

File: USPT

Jan 28, 2003

US-PAT-NO: 6513118

DOCUMENT-IDENTIFIER: US 6513118 B1

TITLE: Electronic watermarking method, electronic information distribution system, image filing apparatus and storage medium therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw	De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------	----

 19. Document ID: US 6510233 B1

L4: Entry 19 of 31

File: USPT

Jan 21, 2003

US-PAT-NO: 6510233

DOCUMENT-IDENTIFIER: US 6510233 B1

TITLE: Electronic watermark insertion device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw	De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------	----

 20. Document ID: US 6507704 B2

L4: Entry 20 of 31

File: USPT

Jan 14, 2003

US-PAT-NO: 6507704

DOCUMENT-IDENTIFIER: US 6507704 B2

TITLE: Pseudo-zoom camera and image processing system using the pseudo-zoom camera

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw	De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------	----

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Terms	Documents
L3 and color near3 imag\$3	31

Display Format:  [Previous Page](#)[Next Page](#)[Go to Doc#](#)

## Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 10 of 31 returned.

1. Document ID: US 6741758 B2

L4: Entry 1 of 31

File: USPT

May 25, 2004

US-PAT-NO: 6741758

DOCUMENT-IDENTIFIER: US 6741758 B2

TITLE: Image processor and image processing method

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	----------

2. Document ID: US 6731409 B2

L4: Entry 2 of 31

File: USPT

May 4, 2004

US-PAT-NO: 6731409

DOCUMENT-IDENTIFIER: US 6731409 B2

TITLE: System and method for generating color digital watermarks using conjugate halftone screens

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	----------

3. Document ID: US 6724941 B1

L4: Entry 3 of 31

File: USPT

Apr 20, 2004

US-PAT-NO: 6724941

DOCUMENT-IDENTIFIER: US 6724941 B1

TITLE: Image processing method, image processing device, and recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawn De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	----------

4. Document ID: US 6718047 B2

L4: Entry 4 of 31

File: USPT

Apr 6, 2004

US-PAT-NO: 6718047

DOCUMENT-IDENTIFIER: US 6718047 B2

TITLE: Watermark embedder and reader

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw	De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------	----

 5. Document ID: US 6700989 B1

L4: Entry 5 of 31

File: USPT

Mar 2, 2004

US-PAT-NO: 6700989

DOCUMENT-IDENTIFIER: US 6700989 B1

TITLE: Device for generating, detecting, recording, and reproducing a watermarked moving image having a copy preventing capability and storage medium for storing program or the moving image

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw	De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------	----

 6. Document ID: US 6690813 B2

L4: Entry 6 of 31

File: USPT

Feb 10, 2004

US-PAT-NO: 6690813

DOCUMENT-IDENTIFIER: US 6690813 B2

TITLE: Method and apparatus for recording and reproducing electronic watermark information, and recording medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw	De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------	----

 7. Document ID: US 6674561 B2

L4: Entry 7 of 31

File: USPT

Jan 6, 2004

US-PAT-NO: 6674561

DOCUMENT-IDENTIFIER: US 6674561 B2

TITLE: Optical state modulation method and system, and optical state modulation apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw	De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	------	----

 8. Document ID: US 6668068 B2

L4: Entry 8 of 31

File: USPT

Dec 23, 2003

US-PAT-NO: 6668068

DOCUMENT-IDENTIFIER: US 6668068 B2

TITLE: Image attribute altering device and electronic watermark embedding device

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	----------

9. Document ID: US 6647127 B1

L4: Entry 9 of 31

File: USPT

Nov 11, 2003

US-PAT-NO: 6647127

DOCUMENT-IDENTIFIER: US 6647127 B1

TITLE: Method of manipulating image data and a recording medium for recording a processing program thereof

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	----------

10. Document ID: US 6631239 B1

L4: Entry 10 of 31

File: USPT

Oct 7, 2003

US-PAT-NO: 6631239

DOCUMENT-IDENTIFIER: US 6631239 B1

\*\* See image for Certificate of Correction \*\*

TITLE: Image processing apparatus, image processing method and storage medium

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draw. De
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	----------

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
-------	---------------------	-------	----------	-----------	---------------

Terms	Documents
L3 and color near3 imag\$3	31

Display Format:

[Previous Page](#)[Next Page](#)[Go to Doc#](#)